

Snowdonia National Park

Forecast valid from 00:00 on Sunday 15 Jan 2023 until 23:59 on Monday 16 Jan 2023

Forecast Issued on Saturday 14 Jan 2023 at 15:44

Confidence: High confidence for a wintry, cold spell of weather with snow showers and overnight frosts, northerly winds will strengthen at times to enhance the windchill. Lower confidence for a change to milder conditions by the end of the week. Also lower confidence in the timing of snow and sleet clearing south on Sunday morning.

Headline for Sunday 15 Jan 2023: Frequent wintry showers will ease for a time in the middle of the day, but further showers later, winds easing gradually, severe windchill effect.

Mountain weather hazards on Sunday 15 Jan 2023

Blizzards

Low Likelihood

Gales

High Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

Low Likelihood

Severe chill effect

High Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

Low Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Dull	Light snow	Heavy snow	Light snow	Sunny intervals	Light snow	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability							
20%	40%	90%	60%	20%	60%	70%	70%

Forecast for Sunday 15 Jan 2023

Weather: A band of wintry weather will spread south during the early hours with blizzard conditions at times on the welsh mountains, wintry conditions are expected above 600m, and severe gales are likely with a severe wind chill. Conditions will improve soon after daylight with winds easing but still remaining fresh throughout the day. Showers will come and go throughout the day, wintry above 700m, but also some bright or sunny spells around lunchtime before further showers. Cloud thickening during the afternoon with further wintry showers likely in the evening.

Chance of cloud-free hill tops above 800m: 30% improving to 90% as wintry precipitation clears south, decreasing to 60% in the evening with further showers.

Low Cloud and visibility: For the early part of the day overcast layers of cloud above 300m can be expected but cloud will thin and lift in the morning with mostly clear tops from lunchtime. Visibility will be very poor in the early morning but becoming good by lunchtime with far reaching views likely. Further low cloud will come and go during the afternoon with layers above 500m. Whiteout conditions can be expected on the higher mountains in the early morning and even in the afternoon there may be temporary whiteouts as showers move through.

Forecast for Sunday 15 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	48/59 W	49/60 W	39/49 W	33/41 NW	24/30 NW	16/20 W	16/19 SW	16/20 W	13/16 W
600	34/43 W	34/44 W	29/38 W	22/29 NW	16/21 NW	11/14 W	12/16 SW	10/13 SW	8/11 W
300	22/38 W	23/39 W	20/35 W	14/25 NW	11/19 NW	7/13 W	8/13 SW	6/11 W	5/9 W
Valley	22/38 W	23/40 W	21/36 W	15/26 NW	12/20 NW	7/13 W	8/14 SW	6/12 W	6/9 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-15	-2/-13	-1/-10	-1/-9	-1/-9	-1/-8	-2/-8	-2/-8	-3/-8
600	-1/-10	0/-8	1/-6	2/-5	2/-4	1/-3	0/-5	-0/-5	-1/-5
300	2/-5	2/-4	3/-3	4/-1	4/0	4/1	2/-1	2/-1	1/-2
Valley	3/-3	4/-2	4/-1	5/1	6/2	5/3	3/0	3/0	2/-0
Freezing Level*	400m	500m	700m	800m	700m	600m	600m	500m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Extreme wintry conditions early in the day on Sunday but with winds easing during the morning an improvement is expected. Bitterly cold in the strong winds. Notice that freezing level does lift towards the summits for much of the day before lowering again on Sunday night. Higher roads may be impacted by snowfall at times.

Forecast for Monday 16 Jan 2023

Weather: The risk of a few snow showers in the early hours but otherwise mainly dry with a lot of bright weather and sunny spells. Perhaps more in the way of cloud later in the afternoon and a few snow flurries down to low levels. Remaining very cold with a considerable windchill.

Maximum wind: North 20-25mph backing southwesterly 10-15mph later.

Chance of cloud-free hill tops above 800m: 90%, perhaps some patches of lower cloud in the morning.

Low Cloud and visibility: A few patches of cloud above 700m during the morning otherwise cloud bases above all the mountain tops. Visibility may be moderate to start the day but becoming very good through daylight hours, perhaps dipping in any snow flurries temporarily.

Temperature: **Valleys:** Minus 2 rising to plus 2 Celsius.
At 800m: Minus 6 Celsius.
Freezing level: 100-200m

Ground Conditions Supplement

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

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